



Agriculture

The Department of Agriculture has completed a survey on the cost of producing beef in Northern Illinois that indicates that cattle cost the stockmen and farmers from \$12 to \$17 a hundredweight, delivered at the market.

The Bureau of Animal Industry has approved the eye test for detecting tuberculosis in cattle.

To answer a general demand for information concerning the possibility of citrus-growing in the South, the Department of Agriculture has covered the subject in Farmers' Bulletin 1122.

Business reviews forecast an increase in the cost of fertilizer materials.

Reports that a German scientist has succeeded in making artificial wool are incorrect. Experiments are being made but have not yet met with success.

More than one thousand tons of tomato seeds are thrown away annually by northern pulping plants. It is estimated that if reduced to oil and stock food this by-product would have a total value of \$86,000.

Holland is again shipping considerable quantities of potato flour to the United States. The flour is used chiefly in this country for the sizing of paper.

Europe has made much more rapid progress in the recovery of her dairy industry than was deemed possible. As a result exports of condensed milk from this country dropped 89,000,000 pounds from June, 1919, to August, 1920. Conditions in the condensed milk industry are said to be critical. A large number of factories will close.

Large shipments of Danish butter have been received in the United States.

American vessels of more than 1,600 gross tonnage, which enter British ports after December 1, will be required to carry wireless.

Germany is now manufacturing a sole leather made from waste leather, which is suitable for the heels of shoes.

Owing to falling prices in food, clothing and other necessities, less than fifty executive workers are now employed by the Department of Justice in investigating charges of profiteering.

The three American delegates to the International Institute of Agriculture, which closed a 12-day session in Rome this week, were Dr. Thomas F. Hunt, dean of the college of agriculture of the University of California; Leon M. Estabrook, chief of the Bureau of Crop Estimates, and Harvey J. Sconce, former president of the Illinois Agricultural Association.

The government is encouraging in Alaska the development of crops adapted to the short growing season.

It is estimated that the upkeep of a light tractor capable of doing the work of four horses is \$250 a year, while the cost of maintaining four horses is figured at \$896 for the same period. Hay and feed for the horses are figured at \$810, shoeing at \$24, wear on harness at \$12 and depreciation of horses at \$50. The cost of fuel for a tractor for an average season is placed at \$100, cost of repairs and overhaul at \$50 and depreciation at \$100. The net result is a saving of \$646 for the farmer who uses a tractor.

Cotton mill workers in an eastern city have accepted a reduction of from 15 to 20 per cent in wages.

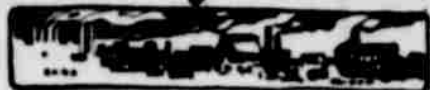
The officials of the Tanners' Council of Chicago report that cheaper shoes will be seen on the market soon, due to the decreased price of leather.

July was the greatest month in railroad history, in point of operation, according to the Federal Trade Commission. The total of ton miles was 40,232,000,000—an increase of 15.2 per cent over July, 1919.

The United States Shipping Board will dispose of all housing projects which it controls.

The Three Arts

Manufacture



It has been announced that a Japanese company capitalized at \$25,000,000 has been organized with the intention of entering upon the exploitation of any petroleum deposits that may be discovered on the west coast of Mexico.

Public utility plants produced electricity to the amount of 29,114,000,000 kilowatt-hours during the first eight months of the present year. Thirty-eight per cent of this was produced by water power.

Up to October 1, the United States exported 1,150 locomotives. This is more than were exported during all 1919.

English woolen manufacturers are turning out cheaper lines of cloth to meet the demand of the public for lower prices.

The International Bureau of Weights and Measures announces that the Swiss have succeeded in remedying variations in timekeeping due to the expansion and contraction of the parts of a watch.

Great Britain is about to begin research work in India to determine the feasibility of producing cheap power alcohol on a commercial basis.

The American Farm Bureau Federation will meet in Indianapolis, December 6, 7, 8, for the purpose of formulating a national agricultural policy.

Nine types of American farm tractors were entered in the International Farm Tractor Exhibition held in Rome.

Canada announces a fifty per cent increase in immigration. The British Isles furnish most of the newcomers.

According to news from Baltimore, garment workers in that city take a long period of unemployment. Many manufacturers are said to have cut down work to a day basis.

The relaxation in the iron and steel trade continues. It is estimated, however, that the mills are operating at 80 per cent of their capacity.

The total of cars loaded with commercial freight at the week ending October 9 reached 1,009,754.

"American business," says Warren G. Harding, President-elect, "is not a selfish, privilege-seeking monster. The agitator who so describes it and the statesman who treats it with abuse and suspicion forget that American business is the daily labor of the whole people and the clothes upon their backs and three meals a day. More vital to the wage earners, who are ten to one greater in number than business executives, is the continued prosperity of America. Business in America is not big business; it is little businesses—all the units of production, even the single machine in the shop and the farm and the home. American business is a vast fabric woven through the up-going years by the daily tasks of a faithful, virtuous people."

New Government Publications

Report of Federal Trade Commission on price of farm implements. Forty cents. Superintendent of Documents, Washington, D. C.

The Horse Power Problem on the Farm. Department Agriculture. Free.

Farm Bookkeeping. Farmers' Bulletin 511, Department Agriculture. Free.

Milk for the Family. Department Agriculture Circular 129. Free.

The Manufacture and Use of Peanut Butter. Department Agriculture Circular 128. Free.

Milk Plant Equipment. Department Agriculture Bulletin 890. Free.

A System of Field and Office Records for County Extension Workers. Department Agriculture Circular 107. Free.

Express rates, 1920; decided August 11, 1920. Commission report. Five cents. Superintendent of Documents, Washington, D. C.



Transportation

Lloyds reports the gross tons of shipping under construction in American yards, September 30, as 1,772,000, or half that of a year ago.

Mexican imports for the first four months of 1920 were 92,000,000 pesos.

The right to explore oil lands in British possessions throughout the world has been granted to American companies. This is a reversal of the British policy.

The United States export trade to Asia and Oceania in 1920 will considerably exceed \$1,000,000,000. To South America the total for 1920 will exceed \$500,000,000 against \$147,000,000 in 1913; to Africa \$140,000,000 against \$29,000,000 in 1913, and to Europe over \$4,000,000,000 as against \$1,500,000,000 in 1913.

After nine years' occupation of Korea by Japan, four-fifths of the total of 10,000,000 yen in the Postal Savings Bank belong to Japanese.

The Federal Foreign Finance Corporation, a \$6,000,000 enterprise to finance foreign trade, was organized in New Orleans, November 6, at a meeting attended by 100 of the leading bankers of the South. The bank's purpose will be to finance the foreign marketing of all of the South's staple products and manufactures with particular attention to cotton, rice, sugar and lumber.

The Forestry Service announces that the use of wood preservatives is on the increase in the United States. Approximately 140,000,000 cubic feet of wood were treated in 108 plants during 1919.

The Department of Agriculture uses oil to stop sand sifting into cuts on the Columbia River highway.

Present figures indicate that the railroads of the United States will break all records this year for volume of freight transported.

Government officials believe that German manufacturers will invade the United States markets soon with goods priced far below the market.

Washington announces many farmers are carrying out their threat to hold crops for higher prices.

The Department of Agriculture of the Mexican Government expects to spend 600,000 pesos this year in purchasing agricultural machinery which will be retailed in turn to Mexican consumers. Two hundred thousand pesos are already available.

Under a Finnish law which takes effect January 1, the national government will build all highways.

It is said that the recent advance in Canadian freight rates has practically halted lumber shipments from the Prince Rupert consular district to the United States.

Charges that officials and employees of the United States Shipping Board have wasted millions of dollars and that there has been almost unlimited graft, are made in reports to the House Committee on Shipping Board Operations. So serious are the charges that it seems certain Congress will take cognizance of them immediately upon convening.

Canada is interested in the report that the Pennsylvania Railway, the Canadian Pacific, Essex Terminal and Canadian Steel Corporation are jointly interested in a plan for transportation and industrial development which will involve an expenditure of \$200,000,000. Plans provide, it is said, for the entrance into Canada of the Pennsylvania lines over a new international bridge crossing the Detroit River.

A 30 per cent increase in toy production in the United States is predicted for 1921 by one of the chief toy manufacturers.

The nation's stock of gold amounts to \$2,194,000,000. Of this sum \$1,196,000,000 is held in vaults as a protection against panic. The United States holds about 33 per cent of the world's monetary supply of gold.